

Secondary Education: Mathematics 6-12

WICHITA STATE UNIVERSITY GENERAL EDUCATION PROGRAM

General Education	Requirement	Course Taken	Hrs	Grade
Basic Skills (12 hours) <i>Basic Skills must be met within the first 48 hours of college course work.</i>	(1) English 101		3	
	(2) English 102		3	
	(3) Comm 111		3	
	(4) Math 111 or higher level		3	
Fine Arts Introduction (3 hours)	Areas of Discipline: Art History, Dance, Music Comp, and Theater			
	(1) Fine Arts		3	
Humanities Introduction (6 hours)	Areas of Discipline: Communications (Non basic), Literature, History, Linguistics, Modern & Classical Languages, Philosophy, Religion, and Women’s Studies.			
	(1) English 315		3	
	(2) Humanities		3	
Fine Arts or Humanities ___ Further Studies or ___ Issues /Perspectives (3 hours)	(3) Fine Arts or Humanities		3	
Social & Behavioral Sciences Introduction (6 hours)	Areas of Discipline: Anthropology, Criminal Justice, Economics, Geography, Minority Studies, Political Science, Psychology, and Sociology			
	(1) Psychology 111		3	
	(2) Social & Behavioral Sciences		3	
Social & Behavioral Sciences ___ Further Studies or ___ Issues /Perspectives (3 hours)	(3) Social & Behavioral Sciences		3	
Natural Sciences & Mathematics Introduction (6 hours)	Areas of Discipline: Biology, Chemistry, Geology, Computer Science or Physics			
	(1) Phys 195/196 , Chem 211, Phys 213, or Phys 313		4 or 5	
	(2) Mathematics 242		5	
Natural Sciences & Mathematics ___ Further Studies or ___ Issues /Perspectives (3 hours)	(3) Mathematics 243		5	
TOTAL GENERAL EDUCATION HOURS			47-48	
*At least one Further Studies course and one Issues & Perspectives Course is required in general education				

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General Requirements for Bachelors: 124 minimum hours; overall GPA 2.5; major GPA 2.5.

PREREQUISITES TO THE MAJOR: 10 Hours			
	Math 242	Calculus 1	(5) Gen Ed
	Math 243	Calculus 2	(5) Gen Ed
REQUIREMENTS FOR A MAJOR:			
	Math 344	Calculus 3	(3)
	Math 321	Discrete Math	(3)
	Math 415	Introduction to Advanced Mathematics	(3)
	Math 511	Linear Algebra	(3)
	Math 531	History of Mathematics	(3)
	Math 615	Number Theory	(3)
	Math 621	Elementary Geometry	(3)
	Stat 460	Elementary Probability and Statistics	(3)
Choose one	Math 451, Math 513, Math 545, Math 547, Math 553, Math 555		(3)
MATH APPLICATIONS Choose from TWO different divisions of study from the list below. At least one must be a laboratory course from a physical science area such as physics, chemistry, or astronomy. <i>Other options need to be approved by advisor.</i> Choices: *Econ 201, Phys 195/196, Chem 211, Phys 213, Phys 313, CS 211 1) _____ 2) _____			(3-5) (4-5) Gen Ed

Electives @ 8 hrs. (to complete 124 hours)

CI 270	Introduction to the Education Profession (Must have a B- or better)			(3)	
Teacher Education					
Core I - (Fall only)			Core II - Instruction, Management & Evaluation—(Fall only)		
CESP334	Intro to Diversity: Human Development	(2)	CI 454M	Instructional Strategies, Assessment, and Management: Middle/Secondary Mathematics Methods I	(3)
CI 321	Intro to Diversity: Cultural Issues	(2)	CI 413M	Pre-Student Teaching: Secondary Level Mathematics	(2)
CI 320	Intro to Diversity: Exceptionalities	(2)			
CI 423	Instructional Strategies, Assessment, and Management: Middle/Secondary General Methods (Spring only)	(3)			
CI 424	Core I Practicum – General Methods	(1)	Core III Student Teaching (Spring only)		
Core II – Part I (Spring only)					
CESP433	Learning, Assessment and Evaluation Theory	(3)	CI 471M	Secondary Student Teaching Mathematics (15 weeks)	(10)
CI 317	Literacy Strategies in the Content Area	(2)	CI 455M	Instructional Strategies, Assessment, and Management: Middle/Secondary Mathematics Methods II	(2)
CI 318	Core II Practicum: Literacy Strategies	(1)	Licensure Exams	PLT Praxis II History/Govt. Content Test	
CI 427	History, Philosophy, & Ethics of Education	(3)			

OFFICIAL PROGRAM TRANSITION POINT REQUIREMENTS:

- Admission into Teacher Education - Completed application packet:
- Admission to Student Teaching - a) Satisfactory accomplishment of content-area, standard-driven assessments, b) “B-” or better in Instructional Strategies, Assessment, and Management courses, c) “B-” or better in all practicum courses, d) 2.5 GPA (overall, WSU and content) and e) Completed application packet with yearly negative TB test.
- Exit from Student Teaching - a) “B-” or better in student teaching and content methods II (CI 455), b) 2.5 GPA (overall and WSU), c) Successful completion of all degree requirements, d) Final Student Teaching Supervisor Evaluation Form.
- Degree Completion – a) 2.5 GPA (overall and WSU), and b) Meets all degree requirements
- Licensure Recommendation – a) Passes common assessments, b) Passing score on Kansas Performance Teaching Portfolio, c) PLT passed, d) Praxis II content test(s) passed, and f) Licensure application

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COMPLETING THIS PROGRAM ARE ELIGIBLE TO BE LICENSED TO TEACH MATHEMATICS, GRADES 6-12.